

**WHAT IS CLAIMED IS:**

1. A removable twisting measuring device for various hand tools comprising:

a cover removably installed on a rod body of a hand tool;

5 a strain gauge installed at one end of the cover contacting the rod body of the hand tool; the strain gauge having a deformation as a twisting force being applied thereon;

a display device having a transfer element; resistance variation due to the deformation of the strain gauge being transferred to the display  
10 device so as to derive the twisting force which is then displayed on the display device.

2. The removable twisting measuring device for various hand tools as claimed in 1, wherein the shape of the cover is matched to that of the hand tool.

15 3. The removable twisting measuring device for various hand tools as claimed in 1, wherein the cover is made from one of aluminum alloys and deformable materials.

4. The removable twisting measuring device for various hand tools as claimed in 1, wherein the display device has a screen and a  
20 calibrating button.

5. A removable twisting measuring device for various hand tools comprising:

a first cover removably installed on a rod body of a hand tool;

a strain gauge installed at one end of the first cover contacting the  
25 rod body of the hand tool; the strain gauge having a deformation as a

twisting force is applied thereon;

a second cover removably installed on the rod body of the hand tool;

a display device installed on the second cover; the display device  
5 having a transfer element; resistance variation due to the deformation of  
the strain gauge being transferred to the display device so as to derive  
the twisting force which is then displayed on the display device.

6. The removable twisting measuring device for various hand  
tools as claimed in 5, wherein an outlook of the cover is matched to the  
10 hand tool.

7. The removable twisting measuring device for various hand tools  
as claimed in 5, wherein the cover is made from one of aluminum alloys  
and deformable materials.

8. The removable twisting measuring device for various hand tools  
15 as claimed in 5, wherein the display device has a screen and a  
calibrating button.